



U R B A N D I S T R I C T O F
C A N V E Y I S L A N D .

A N N U A L R E P O R T

of the

M E D I C A L O F F I C E R O F H E A L T H


(Norman Lorraine, M.D., Ch.B., D.P.H. F.R.S.E.)

including T H E R E P O R T of the

S A N I T A R Y I N S P E C T O R

(E. Ditchburn, C.R.S.I)

for 1940.



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29091743>

PUBLIC HEALTH STAFF.Medical Officer of Health *

Norman S. R. Lorraine, M.D., M.B., Ch.B., F.R.S.E., D.P.H.,
R.C.P.S. Edin. and R.F.P.S. Glas.
Also Medical Officer of Health for Benfleet and
Rayleigh Urban District Councils and Assistant
County Medical Officer, Essex County Council.

Assistant Medical Officer - Essex County Council.

Esther P. Jones, M.R.C.S., L.R.C.P.

Health Visitor - Essex County Council.

Miss M. K. Knight, General Training, Oldchurch Hospital,
Romford. Central Midwives' Board Certificate
(S.C.M.) Oldchurch Hospital and Maternity Nursing
Association, Myddleton Square, Islington. Health
Visitors' Certificate, Royal Sanitary Institute (new);
Public Health Diploma, Battersea Polytechnic.

Clerk to the Medical Officer of Health.

Miss D. Grudgings.

Sanitary Inspector * and Inspector under the Petroleum (Consolidation)
Act, 1928, The Factory and Workshops Act, and the Rats and Mice
Destruction Act, 1919.

E. Ditchburn, C.R.S.I.

Clerk to the Sanitary Inspector.

A. P. J. Cook (Now member of H.M. Forces)

* One half of the salaries attached to these offices is
paid by the County Council from the Exchequer Contribution
Account.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1940.

Public Health Department,
London Road,
HADLEIGH, Essex.

To the Chairman and Members of the Urban District
Council of Canvey Island.

Mr. Chairman and Members,

I have the honour of presenting for your consideration my
Twelfth Annual Report on the health and sanitary circumstances of your
Urban District, for the year 1940.

In accordance with the Ministry of Health Circular 2314 of
the 26th March, 1941, this report is intended to be an interim report
only.

I desire again to express my gratitude to all members of the
staff of the Department for their loyal co-operation and also to officers
of other Departments for information and assistance readily given from
time to time.

For the sympathetic consideration and assistance received during the year, I should like to express my thanks to the Council.

I beg to remain,

Your obedient Servant,

NORMAN LORRAINE.

M.D., M.B., Ch.B., F.R.S.E., D.P.H.
R.C.P.S. Edin. and R.F.P.S. Glas.

July, 1941.

SECTION A - STATISTICS AND SOCIAL CONDITIONS
OF THE AREA.

Area (in acres) comprising Island, Foreshore and Tidal Waters	9,071
Population:	
Registrar-General's estimate mid-1937 ..	6,485
" " " " 1938 ..	6,579
" " " " 1939 ..	6,230
" " " " 1940 ..	5,240
Number of inhabited houses (end of 1940) according to Rate Book	3,850
Rateable Value	£ 45,000
Sum represented by a penny rate	£164.9

In the above and following statistics, several routine details are omitted, as non-essential.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

<u>England and Wales</u>	Live Births 14.6	Deaths 14.3
	Deaths under 1 year of age	55.0

Canvey Island U.D.C.

Live Births (a) B.R. (For calculating Birth Rates)

	Total.	M.	F.	
	73	44	29	Birth Rate per
Legitimate	72	44	28	1,000 estimated
Illegitimate	1	-	1	resident population
				.. 13.9 ..

(b) I.M. etc (For calculating Infant and Maternal Mortalities)

	Total.	M.	F.
	74	45	29
Legitimate	73	45	28
Illegitimate	1	-	1

Stillbirths

	Total	M.	F.	
	3	1	2	Rate per 1,000 total
Legitimate	3	1	2	(live and still)
Illegitimate	-	-	-	births
				.. 39.4 ..

	<u>Total.</u>	<u>M.</u>	<u>F.</u>	
<u>Deaths</u>	80	50	30	Death Rate per 1,000 estimated average population ... 15.2 ...

<u>Deaths from puerperal causes</u>	<u>Deaths.</u>	Rate per 1,000 total (live & still) births.
Puerperal sepsis
Other puerperal causes
Total

Death Rate of Infants under one year of age:

Total number of infants ..	..	..	-
All infants per 1,000 live births ..	..	..	-
Legitimate infants per 1,000 legitimate live births	..	..	-
Illegitimate infants per 1,000 illegitimate live births	..	..	-
Deaths from Cancer (all ages)	..	..	20
Deaths from Measles (all ages)	..	..	..
Deaths from Whooping Cough (all ages)	..	..	..
Deaths from Diarrhoea (under 2 years, of age)	..	..	..

※ This figure to render it comparable with the death rate for the country as a whole, has to be multiplied by the Areal Comparability Factor 0.78, which has been supplied by the Registrar General as requisite to redress the abnormal constitution of the local population from the point of view of sex and age components. Applying this factor, the corrected death rate is 11.8 as compared with 14.3 for the country as a whole.

SECTION B - GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

In respect of (a) Laboratory Facilities (b) Ambulance Facilities (c) Nursing in the Home (d) Treatment Centres and Clinics and (e) Hospitals, there are no essential changes to note.

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply. 2733 houses were connected to Southend Water Company's mains at the end of the year - an increase of 10.

Drainage and Sewerage. There are 482 connections to the sewer affecting 968 properties. No new connections were made during 1940.

Public Cleansing. 624 loads of refuse were collected from 63 bins, each bin serving several streets.

Salvage. Waste paper is collected on receipt of postcards and also periodical collection is made from the various depots on the Island. Tins and scrap iron are also collected.

Visits and Inspections. 160 visits were made for public health purposes during the year.

Factories Act, 1937. A total of 35 inspections were made including visits to premises of Outworkers.

Petroleum (Regulations) Acts, 1928 and 1936. 9 inspections were made and one licence was issued during the year.

In other branches of sanitary administration, the usual routine work was carried out but no essential changes occurred.

SECTION D - HOUSING.

3 new houses were erected between 1st April, 1940 and 31st March, 1941. Housing inspections were curtailed by reason of evacuation, etc., and 43 inspections were made.

SECTION E - INSPECTION AND SUPERVISION OF FOOD.

Milk Supply. At the end of the year 7 farms and other premises used as dairies were registered and 20 retail purveyors were also registered.

Milk (Special Designations) Order, 1936. One licence to sell Pasteurised milk and one licence to sell Tuberculin Tested milk were granted. The licences were supplementary licences for the retail sale of the milks from a depot in the district.

Meat and Other Foods. No slaughterhouse exists in the District. Periodical inspection is made of butchers shops and the meat therein examined.

Fish. Fish shops were inspected periodically.

Milk and Dairies Acts and Orders.

(1) Biological Examinations. Two samples were submitted to biological examination, and the result was negative in each case.

(2) Methylene Blue Reduction Test. Eight samples obtained at farms licensed to produce Accredited milk were submitted to the methylene blue reduction test, and one was found to be unsatisfactory.

Food and Drugs Act, 1938. The following samples of food were taken by the Essex County Council's Weights and Measures etc. Department:-

Milk	2.	Honey	1.
Raisins	1.	Flour	1.
Margarine	3.	Dried Peas	1.
Cocoa	3.	Tinned Peas	1.
Milk cocoa and		Cooking fat	1.
Sugar	1.	Bacon	1.
Paste (meat)	3.	Broken	
Sugar		biscuits	1.
(Confectionery)	1.	Condensed	
Flour (")	1.	milk	1.
Prunes	1.	Smoked	
Pearl barley	1.	salmon	1.
Beef suet and		Black	
rice flour	2.	olives	1.
		Anchovies	1.

Total 30. Genuine 30.

SECTION F - PREVALENCE OF, AND CONTROL OVER, INFECTIOUS
AND OTHER DISEASES.

There are no matters of outstanding importance to report in respect of the prevalence of infectious diseases. Particulars of all cases notified during the year will be found in the table on page 6.

Tuberculosis. During 1940, two cases of respiratory tuberculosis were notified and two cases of non-respiratory tuberculosis, all females.

It is regretted that during the year, there were three deaths from tuberculosis, all respiratory and all males.

Immunisation against Diphtheria.

Immunisation under the Scheme already in operation proceeded satisfactorily.

AIR RAID PRECAUTIONS.

This Department has assumed the normal responsibilities in respect of the Emergency Medical Services (Casualty Services). One First Aid Post has been established, equipped and staffed. At the end of the year, Dr. G. B. Durcan was acting as Medical Officer in Charge and a Nurse in Charge has been allocated by the Civil Nursing Reserve.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1940.

NOTIFIABLE DISEASE.	Cases included in Weekly Returns												Total deaths.	Cases admitted to hospital.	Sex.	
	At ages															
	All ages	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65				65 and over
Smallpox ..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Scarlet fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever (including paratyphoid) ..	(1)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Pyrexia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..
Whooping cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NON-CIVILIAN																
Diphtheria ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Food Poisoning ..	(1)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Figures in parentheses indicate the number of cases in which the diagnosis was not confirmed.